GROUNDW	ATER INDEX		Page	of
Courty	PRATRIE	Twp. / / Rge. 4/5		

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	HEOSTROP, A.C.	WATER WELL LOG	8/929	
6	HEOSTROM, A.C.	WATER WELL LOCT	81.844	
/3	GACKLE, ERWIN	GW-4	87292	
14	CHEKLE, ERWIN	G-W-4	87.293	
14	GACKLE, ERWIN	GW-4	87:295	
14	GACKLE, ERWIN	C-W-4	87.294	
19	NORTHERN PACIFIC RALL SAFECO.	GW-4	85.295	
20	SCHLINKER, DAVID	CrW-Z	83305	
22	SCHLINKER, DAVID	GW-4	85563	
26	BUREAU OF LAND MANAGEMENT	GW-4	843(1	
30	SCHLINKER, DAVID	Gw-4	85562	
34	BUREAU OF LAND MANAGEMENT	CTW-4	8/अ/२	
34	SCHLINKER DAVID	WATER WELL LOG	19865	
34	SCHLINKER, DAVED	WATER WELL LOG APRIL 12-13, 1957 WATER WELL LOG	<i>-</i>	UNLY ONE RECORDED
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ing samuel and samuel		County Prairis
	2	
	MONTANA BUREAU OF MIN	MES AND GEOLOGYECEIVE
N	WATER WELL	STATE ENGINEER
	Owner Mr A. C. Hedstron	n Address Terry Montana
	Johnson Water Well	Service Address Terry Montana
	Sept 1 1958	Sept 4 1958 Date Completed
	Location: Sec. 3 T. 16	R. 45 ¼ sec.
s		
Type of well	(Dug, driven, bored, or drilled)	ment used (Churn drill, rotary, other)
Water use: Domest		Stock Irrigation
Industri	u Drainage	Other:
Casing: 0		1 pipe size 4"
Codence		Size
		and the second second
_		Size
**		Ft to It
Type of screen or per	forations Holes	
Static Water level, fo	r non-flowing well:32	te
Shut-in pressure, for	flowing well:	5./sg. in. on:
	34 .	(date) 15 gal. per min
	Bailer	gal, per min
How tested:	1 hour	***************************************
Length of test	T HOOF	
Remarks: (Gravel 1	acking, cementing, packers, type of shu	t-off, depth of shut-off)
••••••••	***************************************	
***************************************	***************************************	

Log of Well

 $\bigcirc$ 

Depti	o, feet	Tog of wen
From	То	Description of Material Drilled
0	1	Top soil
<b>.</b>	16	Tellox loan
16	32	Blue shale
38	, 78	Sandy gray unala
78	80	Weter and sand
80	94	F983
94	85	Gray shale
	. ,	
	1	the second secon

T	R	 	
County	Prairie	 	

# MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

RECEIVED MAR 20 1801

## WATER WELL LOG

STATE ENGINEER

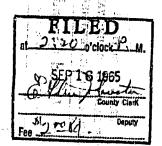
	Owner A.C. E	edetros	Addre	Turry, Hant
	Driller	2. Johnson	Addre	Terry, Kont
		•	,	Completed
	Location: Sec	6 <sub>T</sub> 16	R 45 14 sec	**************************************
ype of well De 111ec	(Dug, driven, bored,	or drilled)	ipment used	Churn drill, rotary, other)
Vater use: Domestic		Municipal	Stock X	Irrigation
Industrial		Drainage	Other:	
asing: 0			-	7. 00
asing:34	£t. to165	ft. Type	Size	4- ID
asing:	1t. to	ft. Type	Siz	3
erforated or Screened	1: Ft <b>147</b>	to 1t	Ft	to ft
ype of screen or perfo	rations		·	***************************************
tatic Water level, for 1	non-flowing well:.	140		feet
hut-in pressure, for fl	lowing well:	***************************************	lb./sq. in. on:	***************************************
umping water level	-		•	(date) gal. per min
		•••••	************************************	**************************************
low tested: Beile	*************************			
			o; ;	
ength of test	ke•		hut-off, depth of shu	
ength of test2	ke•			
ength of test	ke. cking, cementing,	packers, type of s	hut-off, depth of shu	:-off)
ength of test	kr. cking, cementing,	packers, type of s	hut-off, depth of shu	:-off)
ength of test	kr. cking, cementing,	packers, type of s	hut-off, depth of shu	:-off)
ength of test	kr. cking, cementing,	packers, type of s	hut-off, depth of shu	:-off)

		Log of Well	
	ı, feet	Description of Material Drilled	
From	То	Description of market and	
0	1	Top Soil	
1	26	Yellow Lonn	
26	27	quick send	
27	80	Yellow and brown shale	
80	117	Eles Shale	
117	132	Coel	
132	1.50	White shale	
150	158	Sendetone	
158	263	Gray States	<del></del>
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GW '	Approved Stock Form-State Publishing Co., Helena, Montana-44887
File No STATE WATER CORSERVATION BOARD	T 16 R 45
DUPLICATOR SEP 1 7 1055	County Prairie
22 JUL 17 (363 E)	STATE OF MONTANA
	STRATOR OF GROUNDWATER CODE
OF	FICE OF STATE ENGINEER
Declaration of	of Vested Groundwater Rights
	apter 237, Montana Session Laws, 1961)
	0 1
1 (Name of Appropriator)	L Of Brokerof
County of recice	State of Martines
have appropriated groundwater accordi	ng to the Montana laws in effect prior to January 1, 1962, as follows:
N	0 000-1
	2. The beneficial use on which the claim is based.
	<b>V</b>
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been
W E	ous the use has been.
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	per minute) o gallous Ben Minute
	5. If used for irrigation, give the acreage and description of the lands
S	to which water has been applied and name of the owner thereof
SE4 Sec. 13 T 16 R 45	***************************************
Indicate point of appropriation	4,00 (1,00),000,000,000,000,000,000,000,000,00
and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
	tion of each well or other means of withdrawal
	June with tourist
7. The date of commencement and comp	letion of the construction of the well, wells, or other works for with-
drawal of groundwater	red and completed 1942
	17.
8. The depth of water table	**************************************
9. So far at it may be available, the ty	pe, size and depth of each well or the general specifications of any other
	bussassag = 165 H dept
	Land California The Martin College
10. The estimated amount of groundwater	r withdrawn each year 648,000 gallus:
	the drilling of each well if available
	rilable.
	sature as may be useful in carrying out the policy of this act, including unty record
4=1 <del>=102=104=1100=1100=1100=100=1</del> 00=110=110=110=110	*
	Signature of Owner E. A. a. C.
	Signature of Owner.  Date 111 16-1965
Three copies to he filed by the owner with	the County Clerk and Recorder of the county in which the well is located.
The copies to be then by the owner with	one county ofers and recorder of the county m which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.



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Carl Far

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File No D	WATER CONSERVATION SOA E C E I Y E  SEP 17 1965		Approved Sib.k	Form—State Publishing Co., T County	Helena Montana 44887
		administrat	OR OF GROUNDY	ATER CODE	
		OFFICE	OF STATE ENGIN	EER	
	Declara	tion of V	ested Groun	dwater Rigi	nts
			237, Montana Sessio	_	
<i>\$</i>	> ,	10 11		·	o $I$
1_().	wu	Joekle	, ot	(1)	Diochway
County o	(Name of Appr f Adda ropriated groundwate	<u> </u>	State of	in effect prior to Ja	nuary 1, 1962, as follows:
	N	2. 7	The beneficial use of		based
		<b>d</b> 0	us the use has been	·	ficial use; and how continu-
*		E	1960-	use emu	MAPLE.
					n miner's incles or gallons
		5. 1	f used for irrigation	n, give the acreage	and description of the lands name of the owner thereof
SE.14 S	ec.44. T.16. R4.5	•		*****************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Indicate po and place o	oint of appropriation fuse, if possible. Each represents 10 acres	6. 7		rawing such water for other means of with	om the ground and the loca-
		,			- A
	A Name Samuel A A		of the construction	n of the well, well	s, or other works for with-
0	d-translated.	960 E	ha ha	.dl <b>Q.</b> .V	***************************************
8. The de	pth of water table	50	ft.		
works	for the withdrawal of	groundwater			al specifications of any other
*********	Dulled -	Havd	6 Casim	7 - 1/3	H.duh
***********					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10. The es	timated amount of gr	oundwater with	drawn cach year	648,000	Jalla.
					<b>~</b>
	C	12 0 -0	a tikls		***************************************
refere	ce to book and page	of any county r	ecord		policy of this act, including
			C!	of Ournow-	· Man 10
			Signature	Date	11.16-1965
				المراكد المراك	· · · · · · · · · · · · · · · · · · ·

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Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

at 2 20 o'clock ... M.

SUBEP 16 A 965

County Clerk

Deputy

Fee 2 co //

GW C	Approved Stock Form-State Publishing Co., Helt na, Montana-44887
File NoSTATE WALLS CONSERVATION BOARD	T 16 3R 43
DUPLICATED CER 1 7 1066	County Ciacie
TIU SEP 17 1965	STATE OF MONTANA
CAS SPORDE I VICTORIAN CONTRACTOR	LATOR OF GROUNDWATER CODE
	DE OF STATE ENGINEER
	Vested Groundwater Rights er 237, Montana Session Laws, 1961)
£ . 10 1 1	2 1
1 One Jack	L Brockway
(Name of Appropriator)	State of Manager (Town)
have appropriated groundwater according	to the Montana laws in effect prior to January 1, 1962, as follows:
N	
	The beneficial use on which the claim is based
· ·	Date or approximate date of earliest beneficial mie; and how continuous the use her here
w	ous the use has been
*	
	. The amount of groundwater claimed (in miner's inches or gallons
	per minute) / O Galmunde
	<b>V</b>
<u> </u>	<ol> <li>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof</li> </ol>
E4 Sec. 14 T. 1. B. RHJ	
Indicate point of appropriation	
and place of use, if possible. Each	i. The means of withdrawing such water from the ground and the loca-
ament regular represents to mores.	tion of each well or other means of withdrawal
	Pump- Windmill
7 The date of commencement and complete	ion of the construction of the well, wells, or other works for with-
drawal of graundwater	on of the construction of the well, wells, or other works for with
	L. I
8. The depth of water table	) [7-
9. So far as it may be available, the type,	size and depth of each well or the general specifications of any other
works for the withdrawal of groundwate	 
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***************************************	X
10. The estimated amount of groundwater v	rithdrawn each year 325,000 Gallone
11. The log of formations encountered in the	drilling of each well if available
JUN O	railable
reference to book and page of any count	re as may be useful in carrying out the policy of this act, including y record
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Signature of Owner Date Left 16-1965

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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

FILED

at 2 20 o'clock M.

SEP 18/1965

County Clerk

Fee 2 ch 2 10 Deputy

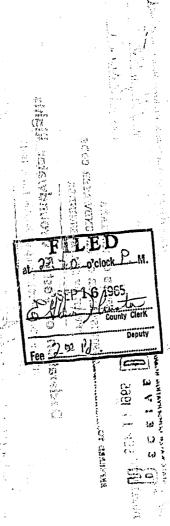
COS ( 1 1) 3 12

Doclaration of Vested Groundwater Rights  (Under Chapter 237, Montana Session Lawa, 1961)  1. County of Appropriatory County of County Co	File No. C. C. P. 1 V. E. D. DUPLINGER SEP 1 V. 1965	Appeared Stock & process (Rete Publishing Co., Reticus, Mountains, 4487).  T. J. B. H. 5  County County State  STATE OF MONTANA
Doclaration of Vested Groundwater Rights  (Inder Chapter 237, Montana Session Lawa, 1961)    Courty of		
(Under Chapter 237, Montana Session laws, 1961)  1	_	
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		Signature of Owner & Stanford

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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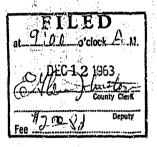
	Approved Stock Form-State Publishing Co., Helena, Montana-40876
File No	T 16N R 45E
DUPLICATE	County Prairie
· ·	STATE OF MONTANA
<b>D</b> 1	OFFICE OF STATE ENGINEER  OFFICE OF STATE ENGINEER  DEC 16 1963
Deciai	ration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER
(Name of Appr	
have appropriated groundw	State of Minnesota water according to the Montana laws in effect prior to January 1, 1962, as follows
ĸ	
	2. The beneficial use on which the claim is based Furnishing water for livestock.
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1949.
w	E
	4. The amount of groundwater claimed (in miner's inches or gallon per minute)
	5. If used for irrigation, give the acreage and description of the land
<b> </b>	to which water has been applied and name of the owner there None.
SE 4 Sec. 19. T16N R.4	5E
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Indicate point of appropriatio and place of usc, if possible Each small square represents 1 acres.	ie.  6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
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Three copies to be filed by the owner with the County Cierk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.





GW2 /		117 116 TO
File No	OTATE EMPINEED	T / 4 R 7 7
DUPLICATE	STATE ENGINEER	County Prairie
Top of Ground	ADMINISTRATOR	OF MONTANA OF GROUNDWATER CODE STATE ENGINEER
(Elev. above sea level		letion of Groundwater
283 dilek sandy	Appropriation	by Means of Well
32: 45.83	(Under Chapter 237,	Montana Session Laws, 1961)
90, ampo	Owner David Schlen:ker	Address Brockway, Montana
1 70 water sabd	Driller Ira C. Bond	Address Terry, Montana
_	Date of Notice of Appropriation	of Groundwater
90, gumbo	Date well startedMay19.1	162. Date Completed My. 21, 1962
98' water sand	Type of well Drilled	Fourthment Head Cable
104' gumbo	(dug, driven, bored or	(Churn, drill, rotary or
-	drilled)	other)
-		inicipal Stock Fraction Stock Other
<b> -</b>	"TI Indicate on the diagram the	character and thickness of the different
	strata met with in drilling, such	as soil, clay, shale, gravel, rock or sand,
		is encountered, thickness and character of to which the water rises in the well,
	Size Size and From	To
	esf Weight of (Feet)	(Feet) PERFORATIONS TO
_	Wehe	Size (Feet) (Feet)
- 1	5 3/6 Lathes 43" od surface	2 104' 3/8" burned holes 08' 70"ft
<b>-</b>		
N	Static Water Level for no	n-flowing Well 64
	Shot in Presume for Flowi	ng Well
	1 1 1 2 2 2 2	10
	Pumping Water Level	feet at gal per minus
-   w	Discharge in gar, per min.	cl flowing well
-	How Testedbailed	Length of Test2 house
l- I	Remarks: [Gravel packing	, cementing, packers, type of shutoff, loca-
<u> </u>	tion of place of	use of groundwater if not at well, and any ertinent information, including number of
		•
11 14 Sec 20 T 16	0 45	if used for irrigation)
Indicate location of we	ll and	from m28' to 33' cased off with 7"
place of use, if possible small square represents 10	. Each casing.	
aman beaute represents to		
Show exact depth of botton	1.	37
		Driller's License Number
; ;		V/ra P. Bond
		Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

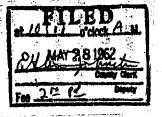
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GW-	Approved Stock Form—State Publishing Co., Helena, Montanz—42234
File No	T /6 R JSL
DUPLICATE	County France
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	TOE OF GROUNDWATER CODE
OFFICE	OF STATE ENGINEER JAN 6 1964
Declaration of	Vested Groundwater RightSATE ENGINEER
	237, Montana Session Laws, 1961)
A . 0 110.1	
(Name of Appropriator)	(Town)
County of Thank	State of Marilana
have appropriated groundwater according t	the Montana laws in effect prior to January 1, 1962, as follows:
м	The beneficial use on which the claim is based
	The recently the on which the transfer bosen
	Date or approximate date of earliest beneficial use; and how continu-
<u> </u>	ous the use has been 1950 - Continuence
W E	
	The amount of groundwater claimed (in miner's inches or gallons
**************************************	per minute) . Jalai.
	If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
16	to which water has been applied and name of the owner thereof
Sec. 22 T. 16 R 43	
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	on of the construction of the well, wells, or other works for with
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	drilling of each well if available
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	e as may be useful in carrying out the policy of this act, including
	record
	Signature of Owner David Schlinker
	Date Dec 31, 1963
	Date As San

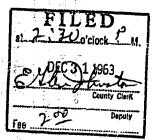
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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other works for the withdrawal of groundwater

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	3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944 - continuous  1944 - continuous
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12.	Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
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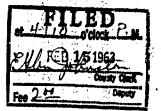
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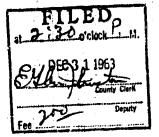
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W 4	Approved Stock Form—State Publishing Co., Helens. Montans—12234
File No	T // 1/2 1/5
DUPLICATE	County Trace
	STATE OF MONTANA
	STRATOR OF GROUNDWATER CODE
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Declaration of	of Vested Groundwater Rights JAN 6 1964
	apter 237, Montana Sezsion Laws, 1961) STATE ENGINEER
2 11	- Change Change
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(Name of Appropriator)	(Address) (Town)
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	3. Date or approximate date of earliest beneficial use; and how continu-
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	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
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8	to which water has been applied and name of the owner thereof
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Piease answer all questions. If not applicable, so state, otherwise the form will be returned.



-Helena Independent Record		≪ w 3
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	STATE OF MONTANA	
	STRATOR OF GROUNDWATER CODE FFICE OF STATE-ENGINEER	DECEIVED
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Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  The date of commencement and confirm of groundwater	6. The means of withdrawing such we location of each well or other mean windrill salval af Second with the construction of the well, with the construction of the well or the groundwater withdrawn each year	wells, or other works for with- general specifications of any  900 sale.
8. The depth of water table	6. The means of withdrawing such we location of each well or other mean windrill salval af Second with the construction of the well, with the construction of the well or the groundwater withdrawn each year	wells, or other works for with- general specifications of any  900 sale.
Indicate point of appropriation and place of use, if possible.  Each small square represents 10 acres.  The date of commencement and codrawal of groundwater	6. The means of withdrawing such we location of each well or other mean windrill salval af Second with the construction of the well, with the construction of the well or the groundwater withdrawn each year	wells, or other works for with- general specifications of any  900 sale.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  The date of commencement and codrawal of groundwater	6. The means of withdrawing such we location of each well or other mean windrill = Start at Second with the construction of the well, with 1916.  130:  type, size and depth of each well or the groundwater desp. 30: zewer & St. head.  water withdrawn each year 12590a in the drilling of each well if available were available.  The results are nature as may be useful in carrying out to county record.	wells, or other works for with- general specifications of any  900 sale.

Three copies to be filled by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF STATE

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RECEIVE	County Prairie
UII OCT 9 1959 LD	
STATE ENGINEER MONTANA BUREAU OF MINES AN Butte, Montana	ID GEOLOGY
WATER WELL LOG	A
Owner David Schlinker	Machine March and
	Address Watkins, Montana
Driller Ira C. Bo nd	Address Terry, Montana
A pr11 10, 1955	Date Completed April 12, 1958
Location: Sec. 34 T. 16 R. 49	5 % sec. SE\SE\
Drilled	Cable
Type of well	(Churn drill, rotary, other)
Water use: Domestic Municipal S	tock Irrigation
Industrial Drainage Othe	r:
Casing: Surface 1t. to 47 ft. Type steel	
-	Size 4 <sup>N</sup>
•	Size
_	
Perforated or Screened: Ft. 107 to ft. 144	
Type of screen or perforations burned holes 5/16"	
Static Water level, for non-flowing well:	feet.
Shut-in pressure, for flowing well:lb./sq. in	on:(date)
Pumping water levelfeet atfeet at	
bailed How tested:	
9 hours	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of shut-off, o	lepth of shut-off)

(over)

Log of Well

Depth	ı, feet	Paradollar of Mataria Walled	
From	To	Description of Material Drilled	
U~	42 46	yellow clay	<u> </u>
46 72	72 82	odmun	
82 95	95 97	vater sand 2 gal per min	
97 106	106	candy clay	
109	144	coul with water of the fact of with	\$
		- g - g - g - g - g - g - g - g - g - g	
		- 1. A. C.	Alm of
	7 m (		
	11.%	For . a	<b>698</b> \$100
	P.	£19	in the second
			profile
			High the growth of
			-
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- €,	<b>}</b>
т 16	45
	Prairie
Count	y

# MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

## WATER WELL LOG

				44.5			- P	
	Owner Davi	d Schlin	ker		Address\	Vatkings,	Montan	a
	DrillerIr	a C. Bo	nd		To Address	erry, Mon	tena	
	Date Started					leted Apri	1 13, 1	95'
	Location: Sec	34 T						
Type of well	drilled (Dug. driven, bored	, or drilled)	Equipm	nent used	cable (Chum	tool	 1 <b>0</b> T)	
Water use: Domestic		Municipal		Stock	x	Irrigation		
Industrial		Drainage		Other:	: (:	***************************************	**********	•••••
Casing: surface	ft, to48	ft.	Type8	teel	Size	• H	***************	•••••
Casing: surface	ft. to144	ft.	Туре	te <b>b</b> l	Size41	! ••••••		******
Casing:	ft, to	ft.	Туре		Size			•••••
Perforated on Screened	l: Ft 109	to ft	122	Ft	*******************	to ft		******
Type of screen or perfor	rations 3/8	" holes	by torch			*************		*****
Static Water level, for n	non-flowing well:	1	00 feet		***************************************		1	eet.
Shut-in pressure, for flo	owing well:		Ib	/sq. in. on:	·····	(date)	***************************************	•••••
Pumping water level	115	fee	25 ta\t2		ga		**************	
How tested:						•		
Length of test								
Remarks: (Gravel page								
***************************************	****************************	*****************	*********************		***************	*******************	***************************************	•••••
***************************************	**************************************	***************************************	***************	****************	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		••••••
••••••	**************************************	*****************	·································	*****************	****************	***************************************	***************	
	·····	***************************************			*****************	*****************************	******************	
***************************************		•	(0ver)			******************	*************	•••••

are and the second

Depth, feet		Log of Well					
From	To	Description of Material Drilled					
0	42	yellow clay					
42	46	gravel					
4ර	72	gumbo					
72	82	blue clay					
82	95	water sand(some water3 gal. per minute)					
95	97	gumbo					
97	106	sand 10-Estab					
106	109	gumbo					
109	122	wa ter sand with water					
122	144	caal with water					
	*'	Charles Charles Constants Charles					
		State of the property of the state of the st					
		<b>24</b>					
	<u> </u>						
		DECEIVED					
		SEP 4 1957					
		STATE ENGINEER					
		1 Contract of the Late					

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GROUNDWATER INDEX	•		Pageof
County	Twp.	_Rge.	

A Committee of the Comm

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
	REVAILLDS, PAT	WATER WELL LINE	82183	
_2_	REYNOLDS PAT	C+40-4 1	85447	
.3	MURPHY, PHILLID	G10-4	85498	
4	MURPHY, PHTLLIP	G-14-4	8544"	
10	HELAND, FRANK H.	Gm.4	85482	
11	MELAND, FRANK H.	G-w-4	85453	
13	REYNOLDS, PAT	Gw-4	इंडमगर	
15	HAUK, MIKE	WATER WELL LOCT	79345	
15	WILLARDSON, BUILL	Ctu) - 2.	94/05/1	
16	ALLEN, WILLIAM	GW-2	80:248	
19	GRIST, LYLE	cru-a	40675	
20	ALLEN, WILLIAM H.	WATER WELL LOST	77902	
21	HAUN. MINE	WATER WELL LECT	82789	
24	MELAND, HANS C.	G115-14	85611	
27	HORTHERN PACIFIC RATLWAY, CO.	Crw-4	85-244	
27	UELAND, FRANK II.	Griss -4	854411	
29	MURPHY, PHILLIP	crw.4	85499	
80	CHACKLE, GOTTFRIED	WATER WELL LOG	79257	
3/	BUREAU OF LAND MANAGEMENT	Grui-4	84278	
32	WILLARDSON, BURIL	GW-2	93904	
33	HAUK, MIKE	GW-:2	84021	
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		T 16.	R. 47	
		County De	cirie	••••••••
MONTANA BURE	AII OF MINES A	en grotogy	, Decen	VEID
	Butte, Montana	to dividu	· III 184 2 1	SU2 []
WA	TER WELL LOG		STATE ENGI	
Ownerint	244	Adóress		
			• •	
X Driller Ire 4			•••	
Date Started		Date Cor	mpleted May 15	961
Location: Sec	T. 16 R 47	¼ sec <b>.sw</b>	of them.	
Type of well (Dug, driven, bored, or drilled)	Equipment u	sed.Cabl.gtg	G	
<del></del> 1			<del></del>	1
Water use: Domestic Municipal	ı 🔛 sı	ock L	Irrigation	į
Industrial Drainage	Othe	or:		**********
Casing:1t. to155ft.	TypeBts.2]	Size4	.124	***********
Casing:ft. toft.	Туре	Size	***************************************	
Casing:ft. toft.	Туре	Size		
Perforated or Screened: Ft to 1	1321	<u> </u>	to ft	***********
Type of screen or perforations5,£,6,£, <u>1,1</u> ,4,	des-eut-thres	-lav-apert	-W	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Static Water level, for non-flowing well:	10 to 123			feet
Shut-in pressure, for flowing well;	1b./sq. ii	n. on:	(An+n)	**********
Pumping water level130			• •	
How tested: with bailer		_	_	
Length of test				
Remarks: (Gravel packing, cementing, packers				
remarks: (Graver packing, cementing, packers	s, type or mini-on, t	iepui oi amuv-o	,	
1 san 2 s s s s s s s s s s s s s s s s s s	4	***************************************	***************************************	***************
		•••••••••••		***************
· · · · · · · · · · · · · · · · · · ·	***************************************			**********
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•	(over)	*********************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- trevoler-reess.

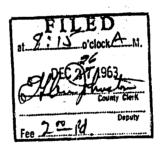
Service Servic

Description of Material Drilled  Tom To  Description of Material Drilled  Topsoil  Topsoil  Topsoil  Pellow clay  Co white clay  Co white clay  Co S sandstone  So H3 Sende one  H3 H7 Gumbo  Gumbo  Gumbo  Sandstone  So Gumbo  Sandstone  So Gumbo  Sandstone  So Sandstone  So Sandstone	
Prom To Description of Material Drilled  Topgoll  Topgoll  Percent of American Drilled  Topgoll  Percent of American Drilled	
16 20 white clay 20 28 sandstone 28 38 Yellow clay 38 43 Sandstone 43 47 Gumbo 47 51 Sandstone	
16 20 white clay 20 28 sandstone 28 38 Yellow clay 38 43 Sandstone 43 47 Gumbo 47 51 Sandstone	
16 20 white clay 20 28 sandstone 28 38 Yellow clay 38 43 Sandstone 43 47 Gumbo 47 51 Sandstone	
28 38 Yellow clay  38 43 Sandahare  43 47 Gumbo  47 51 Sandahare	
28 38 Yellow clay  38 43 Sandahare  43 47 Gumbo  47 51 Sandahare	
47   61   Sandatone	•
47   61   Sandatone	<del></del>
47   61   Sandatone	
51 64 Gumbo	
64 108 Sandstone 108 123 Water said	
108 123 Water said 123 132 Coal	
132 155 Gunbo	
	151
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72 100	
9676 & J. J. L. E. L.	
8 190 CE	

## STATE OF MONTANA

	O	STRATOR OF GROUNDWATER CODE DECEIVED
	Declaration	of Vested Groundwater Rights 27 1963
	(Under C	hapter 237, Montana Session Laws, 1961) STAIL ENGINEER
1	Pat Reynolds (Name of Appropriator)	, of (Address) (Town)
Co		State of Montana laws in effect prior to January 1, 1962, as follows:
1149	N SPENOPILLIAN BLOCK	•
[		2. The beneficial use on which the claim is based
		3. Date or approximate date of earliest beneficial use; and how continu-
- ا	z z	ous the use has been 1957-present (continuous)
<b>'</b> [.	•	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
•		5. If used for irrigation, give the acreage and description of the lands
L	<b>s</b>	to which water has been applied and name of the owner thereof
	¼ Sec2 T16 B47	
bou	cate point of appropriation place of use, if possible. Each I square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
		tion of each well or other means of withdrawal
		4
7.	drawal of groundwaterMay]	mpletion of the construction of the well, wells, or other works for with-
8.		Coot
	So far as it may be available, the	type, size and depth of each well or the general specifications of any other vater
	***************************************	
10.		er withdrawn each year2, 692,800 gallons
11.		n the drilling of each well if availablenot available
12.	Such other information of a similar	nature as may be useful in carrying out the policy of this act, including
		ounty record
		<b>\</b>
		Signature of Owner
		Date
Thi	ree copies to be filed by the owner wit	h the County Clerk and Recorder of the county in which the well is located.
Ple	ase answer all questions. If not appl	icable, so state, otherwise the form will be returned.
Ori Mii	iginal to the County Clerk and Recornes and Geology, and Quadruplicate for	der; Duplicate to the State Engineer; Triplicate to the Montana Bureau of r the Appropriator. / 3673

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GN	Approved Stock 1	Form—State Publishing Co., Helena, Montena—4234 🍝 🏄 🤌
File No	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	T 16 R 478
DUPLICATE		County Privile
	STATE OF MONTANA	GECEIVED
	ADMINISTRATOR OF GROUNDWA	
	OFFICE OF STATE ENGIN	DEC 30 1963
Decl	aration of Vested Ground	dwater Righthale Engineer 🥄
0 A -	(Under Chapter 237, Montana Session	Laws, 1961)
. Khillip	Muskly-	Glockwy (Town)
(Name of A	ppropriator) (A	ddrene) (Town)
County of 1-1-1-1-1		effect prior to January 1, 1962, as follows:
N		ALI ·
	2. The lengficial use on	which the claim is based light welling
		date of earliest beneficial use; and how continu-
		milia
*	E	
v	4. The amount of group	ndwater claimed (in miner's inches or gallons
^	per minute)	
	5. If used for irrigation	, give the acreage and description of the lands
A .	to which water has	been applied and name of the owner thereof
SW 1/4 Boc 3 T 16 R	<i>+</i> 7	***************************************
Indicate point of appropri	ation	
small square represents 10 s	eres. 6. The means of withder	wing such water from the ground and the loca-
		der means of withdrawal.
	\	
		of the well, wells, or other works for with-
drawal of groundwater.	excompleted about	1950
8. The depth of water table	# ~ ' # · · ·	D- 15.0
	•	
	of groundwater	well or the general specifications of any other
Dieled -	Him Casing 9	Jul
***************************************	4	
***************************************		964,000 gellar
10. The estimated amount o	groundwater withdrawn each year	787,000 geom
		available
******************************	not available	
12. Such other information	of a similar nature as mry be useful in	carrying out the policy of this act, including
reference to book and pa	ge of any county record	2
	Giornatura -	or owner ( he Plais Mursh
	Surangia (	or owner Phyllip Murph

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

FILED

at 11:18 o'clock A.M.

COUNTY CLOCK

Fee 22 11. Deputy

		Approved Stock Form-State Publishin	ng Co., Heisza, Montana—42234
file N	0	<b>T.</b> .	16 ° R 54 78 Dunty Prairie
OUPL	ICATE	Co	ounty Prairie
	- <del>V-11</del>	STATE OF MONTANA	
		TRATOR OF GROUNDWATER CODE	DECEIVED.
	OF	VICE OF STATE ENGINEER	DEC 30 1963
	Declaration	of Vested Groundwater R	ights
	(Under Ch	apter 237, Moutana Session Laws, 1961)	STATE ENGINEER
	Dlines 10		A = I
1	Name of Appropriator		(Town)
Cor	nto of Krauic	State of Vivilan	(201111)
hav	e appropriated groundwater accordi	ng to the Montana laws in effect prior to	January 1, 1962, as follows:
_	N	9. The handicial ergs on which the claim	in hannd
		2. The beneficial use on which the claim	20.0000
}	*	No. 3 - Houseful at tack 3. Date or approximate date of earliest	heneficial uses and how continue
<b></b>		ous the use has been Moderation	· Continue
w  _	Me.	No.3 - 1938 - Continu	b-1
ļ		4. The amount of groundwater claime	d (in minor's inches or sellons
ļ		per minute) No.1 - 10 Fallone	juintl
		No.3-20 20	minute
		5. If used for irrigation, give the acre-	age and description of the lands
	8	to which water has been applied a	and name of the owner thereof
•	Sec. 4 T./6 R. 47		
Indica and r	ate point of appropriation lace of use, if possible. Each		
small	square represents 10 acres.	6. The means of withdrawing such water	
		No. 1 each well or other means of w	
		No.3- 0	
7.	The date of commencement and com	pletion of the construction of the well in the well who well with the we	wells, or other works for with-
	No. 2 -	et P. P	1740
8. 7	The depth of water table $N0.1 - 60$ .	Lat - No. 2 - 27 Let - No	3-75-44
		•	
	gorks for the withdrawal of groundwa	ype, size and depth of each well or the ge	eneral specifications of any other
	No. 2 - 4 - 6	- 55 H	J:
	N(0.3-1)=6	u 1 - 18 4-7	ur
•	***************************************	No.1 - 1.6	16,000 gallan.
10. 7	The estimated amount of groundwate	r withdrawn each year No.2- 1.07	5,000 u
11. 1	he log of formations-encountered in	the drilling of each well if available	***************************************
•	No. 2 -	ч	
	No-3-		***************************************
12.	Such other information of a similar	nature as may be useful in carrying out	the policy of this act, including
1	reference to book and page of any con	inty record	
		Juru -	***************************************
		$\rho$	Elle Munh
		Signature of Owner.	100. 2. 1616
		Date	1666.30-1400

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

FILED

at // 100 \_ o'clock A M.

DED 3 0 1963

County Clerk

County Clerk

Deputy

Fig. 2 Cc M.

Deputy

G,		Approved Stock Form—State Publishing Co., Helena, Montana—4224
File I	e No	T /6 R 47
DUP!	ADMINISTRATOR OF CONFICE OF STATE	ROUNDWATER CODE DECEIVED
	Declaration of Vested (Under Chapter 237, Mont	Groundwater Rights C 30 1965  ana Session Laws, 1961) STATE ENGINEER
		STATE ENGINEER
1	(Name of Appropriator)	of (Address) (Town)
Co ha	County of Allelen have appropriated groundwater according to the Mon	State of
r	N	•
ļ	No. 2. The benef	cial use on which the claim is based.
}	ous the us	proximate date of earliest beneficial use; and how continue has been
*	4 00-	nt of groundwater claimed (in miner's inches or gallons
		No. 1
∟ مردس	s to which	or irrigation, give the acreage and description of the lands water has been applied and name of the owner thereof
	14 Sec. OT k. R. 4.7  adicate point of appropriation	no srugan
and	nd place of use, if possible. Each  nall square represents 10 acres.  6. The mean	s of withdrawing such water from the ground and the lega-
	Wi	7 - tunk.
7.	7. The date of commencement and completion of the drawal of groundwater No Commenced of Months of the Months of	enstruction of the well, wells, or other works for with
8.	8. The depth of water table NO.1 - 60 feet	- No.2-12 ft.
	•	epth of each well or the general specifications of any other
	No. 1 - Willis - bin com	3-90 PU.
	No.) - Hand dug - 3 ff casin	- 14 feet
10.	0. The estimated amount of groundwater withdrawn ea	ch year No.2 - 18,250 galler
	· ·	each well if available
	Vot anail	ull
12.	2. Such other information of a similar nature as may reference to book and page of any county record	be useful in carrying out the policy of this act, including
		Nove
		Signature of Owner Diank & Deland
		Date 02. 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

at 41.00 o'clock 1. 11.

MRE62 3 1963,

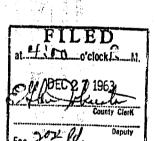
County Clerk

Deputy

Deputy

	Approved Stock Form-State Publishing Co., Helena, Montaga - 2234
ile No	T / 6 R 7
UPLICATE	County
	STATE OF MONTANA
	EATOR OF GROUNDWATER CODE (1)
OFFI	ICE OF STATE ENGINEER DEC 30 1963
Declaration of	F Vested Groundwater Rights ENGINEER
	oter 237, Montana Session Laws, 1961)
71 Conder Chap	The said montains besself beauty
trank H. Welen	1 Trockway
(Name of Appropriator)	(Address) (Town)
country of Personal	State of Mrstria
have appropriated groundwater according	to the Montana laws in effect prior to January 1, 1962, as follows:
N	o were to the transmission of the claim to be and
	2. The indicial use on which the claim is based.
	U
	3. Date or approximate date of earliest beneficial use; and how continu-
	ous, the use has been thinking the
·	
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minuse) & galleremunt
	of a comment of the c
	5. If used for irrigation, give the acreage and description of the lands
s	to which water has been applied and name of the owner thereof
W1/4 Sec. // T 16 R47	no Implin
Indicate point of appropriation	
and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
man by ward represented to detes.	tion of each well or other means of withdrawal
	Punk
7. The date of commencement and complete draws of groundwater	letion of the construction of the well, wells, or other works for with-
Commenced & Crup	lited 1955
8. The depth of water table 30	fut
	·
9. So far as it may be available, the typ	oe, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwate	
Whilled - bear	dissing - Fofet
######################################	
	2 128 am as llows
10. The estimated amount of groundwater	withdrawn each year 3, 628,000 gallone
11. The log of formations encountered in the	he drilling of each well if available
my a	viilable
****	
10 Study ather information of a similar	ature as may be useful in carrying out the policy of this act, including
reference to book and page of any cour	ity record
	- June
<b>9</b>	Signature of Owner Frank J. Weland
	Para VIII. 27-1963
	Date 12. 1-1703
Three conies to be filed by the owner with th	he County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.



GW.	
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Approved Stock	Form-State	Publishing !	Co., Helena,	Montana-	-41921

41921	⋖	
4		

File No..... DUPLICATE

County Prairie

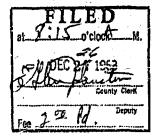
## STATE OF MONTANA

## ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

(Address) (Town)  State of Montana to the Montana laws in effect prior to January 1, 1962, as follows:  The beneficial use on which the claim is based Stock water  Date or approximate date of earliest brueficial use; and how continuous the use has been 1957—present  The amount of groundwater claimed (in miner's inches or gallon per minute) 14 gallons per minute
to the Montana laws in effect prior to January 1, 1962, as follows:  The beneficial use on which the claim is based.  Stock water  Date or approximate date of earliest brueficial use; and how continuous the use has been.  1957
Date or approximate date of earliest haneficial use; and how continuous the use has been
Date or approximate date of earliest haneficial use; and how continuous the use has been
Date or approximate date of earliest hypericial use; and how continuous the use has been
Date or approximate date of earliest hypericial use; and how continuous the use has been
ous the use has been
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i. The amount of groundwater claimed (in miner's inches or gallon
i. The amount of groundwater claimed (in miner's inches or gallon
per minute) 34 ga71ong pan minute
n war in a contract of the contract of the first
<ol><li>If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo</li></ol>
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6. The means of withdrawing such water from the ground and the loca
tion of each well or other means of withdrawal
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, size and depth of each well or the general specifications of any other
6 inch casing
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dthdrawn each year 2,700,000 gallons
drilling of each well if availablenot available
ure as may be useful in carrying out the policy of this act, including
y record
Signature of Owner
•
Date

Please answer all questions. If not applicable, so state, otherwise the form will be returned.



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STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

# WATER WELL LOG

	Owner		Address	forty, tests	16
	Driller		Address	forey Mant	enter
	Date Started	20, 1953	Date Com	pleted	27.,-1 <i>55</i> 0
	Location: Sec2	TR	ec	of the ma	
Type of well	(Dug, driven, bored, or drilled)	Equipment used		n drill, rolary, other)	*************
Water use: Domestic	[]		XXXX	Irrigation	]
Industrial	Drainage	Other:	*************		
Casing:	ft. to	ТуреStoul	Size	.A. Inch	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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Casing:	ft. toft.	Туре	Size	***************************************	
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••	orations5/16501us( non-flowing well:48	•			••••••
Static Water level, for	non-flowing well:	30	************		
Static Water level, for Shut-in pressure, for t	non-flowing well:	lb./sq. in. or	1;	(date)	
Static Water level, for Shut-in pressure, for f Pumping water level	non-flowing well:	lb./sq. in. or	]:gal	(date)	feet.
Static Water level, for Shut-in pressure, for f Pumping water level	non-flowing well:	lb./sq. in. or	]:gal	(date)	feet.
Static Water level, for Shut-in pressure, for Pumping water level	non-flowing well:	lb./sq. in. or cet at	ga	(date)	feet,
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Static Water level, for Shut-in pressure, fo	non-flowing well:	ib./sq. in. or cet at	gal	(date) i. per min	feet.
Static Water level, for Shut-in pressure, fo	flowing well:  At 48  Bailed  One hour  acking, cementing, packers	eet at	gal	(date) i, per min	feet.
Static Water level, for Shut-in pressure, fo	flowing well:  At 48  Bailed  One hour  acking, cementing, packers	ib./sq. in. or ceet at	gal	(date) i, per min	feet.

Log of Well

Depth, feet		Description of Material Drilled					
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# STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

Under Chapter	227 Montana	Session Laws.	1961. as	(bebne.na

This form to be prepared by driller, and three copies to be filled by the ewner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please arrawer all constions. If not applicable, so state otherwise the

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*Describe	•	********	····	*********					
USE: If use	ed for Irrig	gation, inc	dustrial, c	Irainage or	other. Ex	plain,			
state :	number of	acres and	location	or other dat	a (î.e. Lot,	Block			
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Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

	Top of	Ground	(Elev. above sea level)	=
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MONTANA WATER RESOURCES BOARD

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Top of Ground

OCT 26 1967

County Prairie

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Elev. above sea level)	Notice of Completion of Groundwate
	Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961) top soil

yellow clay Owner William Allen Address Brookway. hard sandstone

Drille Tra. C. Bond & Sons Address Terry Montana quicksand little water Date of Notice of Appropriation of Groundwater...

> ...Date Completed 9/31/67 Date well started9/...26/67... Type of well and to to 1// Equipment Usedable tool (dug, driven, bored or drilled) (Churn, drill, rotary or

Water Use: Domestic [ Municipal [ Other [ Irrigation Industrial 🗆 Drainage 🔲 Stock

other)

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of waterbearing strata and height to which water rises in the well.

Size of Drilled	Size and Weight of	From (Feet)	To (Feet)	P	ERFORATIO	NS
Hole 8 <sup>th</sup>	Casing 70đ	0	32	Kind Size	From (Feet)	To (Feet
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Static Water Level for non-flowing Well. Shut-in Pressure for Flowing Weil. Pumping Water Level 54 feet at 5 Discharge in gal. per mir. of flowing well... How Tested balled Length of Test 2 hrs. Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)......

TOWASE Sect TIL RHT cased off quicksand With 701 casing Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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-	Top of Ground (Elev. above sea level	Nov 1 & 1	Notice of Approp	Comple	etion o	f Grou	ındwat	er
, 씨의 크 전설 ~ 위·철	secrie rowks soft sandstone gumbo soft sandstone gumbo water sand gumbo water sand 8 gpm	Driller.  Date of  Date we Type of  (dug,  drille  Water  In  strata 1  Show d	Under Ch	apter 237,  & Sons  priation of  6/68  Dr  iagram the ing, such a ater is ence	Montana SAddressAddress GroundwatDate Co Equipm (Churn other) nicipal  ainage  character soil, clay, puntered, tl	ession Law  Brooks  er.  er.  ompleted  Other Stocks  and thick shale, granickness an es in the w	Montal  Montal	rigation [] are different or sand, etc.
-			78 104	9	204	<i>37</i> 10	4.40	
	N	SI P	tatic Water Level hut-in Pressure : numping Water Le ischarge in gal.	for Flowing	Wellfee	et at. 4	gal.	per minute.
- - - - - - - - - -	III. 1/BM Sec. 19. T. Indicate location of place of use, if possit small square represents  Show exact depth of bottom.	6 R 47 well and ole. Each 10 acres.	other a	l packing, place of u similar per	se of grountinent info	packers, indwater if ormation, rigation)	type of sh not at we including	
					Driller	IN Cor's Signatu	_ [50 re	nd

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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	County Prairie
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MONTANA BUREAU OF MINES AN Butte, Montana	(D GEOLOGY )
Profes was additional	001 .t3 19.5g
WATER WELL LOG	STATE ENGINEER
Owner William H. Allen	
Driller Ira C. Eond	Address Terry, Montana
Date Started June 1958	Date Completed June 1958
Location: Sec. 20 T. 16 R 47	7. 1/4 sec. 1914 NWA
Drilled	cable
Type of well	(Churn drill, rotaly, other)
	ock Irrigation
Industrial Drainage Othe	×:
	Size 4"
Casing:ft. toft. Type	Size
Casing:ft. toft. Type	Size
Perforated or Screened: Ft. 130 to ft. 156 F	rt to ft
Type of screen or perforationsurned holes	
Static Water level, for non-flowing well: Raises to 30 Ft	from the top feet.
Shut-in pressure, for flowing well:b./sq. ir	a. on:
25	(date)
Pumping water level feet at 25	gal, per min
How tested: Bailed for two hours	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of shut-off, d	lepth of shut-off)
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Log of Well

		Log of Well	
Depth, feet From To			
		Description of Material Drilled	
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11	37 52 96	yerrow cray	
37 52	-06	gumbo blue clay	
96	1 98	rock	
98	103	gumbo	
103	105 106	alaok coal	
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MONTANA BUREAU OF MINES AND Butte, Montana	GEOLOGY CEIVE
WATER WELL LOG	STATE ENGINEER
OwnerMike Houk	
Driller	Address.@oppyHontene
Date Started	Date Completed Dec13,1961.
Location: Sec. 21 T 15 R 47	secmi or the se
Type of well Equipment used (Dug, drivan, bored, or drilled)	Gable Pool (Chira drill, rotary, other)
Water use: Domestic Municipal Stock	Irrigation
Industrial Drainage Other:	
Casing:	Size
Casing: 16	Size
Casing:ft. toft. Type	Size
Perforated or Screened: Ft30 to it	to ft
Type of screen or perforations	
Static Water level, for non-flowing well:8factdownto36.	feet.
Shut-in pressure, for flowing well:lb./sq. in. o	n:(date)
Pumping water level	(/
How tested: with bailer	
Length of test for one hour	
Remarks: (Gravel packing, cementing, packers, type of shut-off, dept	
Remarks: (Graver packing, cementing, packers, type or sinte-original	ii or anuv-orry
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		Log of Well					
Depth, feet		Description of Material Drillod					
From	То	Description of Material Emilion					
ð	12	Yellow Clay					
12	_13	Gravel					
13	17	Quicksand					
17	30	Gumbo					
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DEFINITION OF COUNTY AND ADMINISTRATOR OF GROUNDWATER COME  ADMINISTRATOR OF GROUNDWATER COME  Declaration of Vested Groundwater Rigidital Length 1 Engineer  (Under Chapter 237, Montana Session Laws, 1961)  Law (Under Chapter 237, Montana Session Laws, 1961)  Declaration of Vested Groundwater Rigidital Length 1 Engineer  (Lagarwa)  (Town)  County Of District Laws (Town)  State of District Laws (Town)  State of District Laws (Town)  Laws appropriated groundwater secording to the Moutana laws in effect prior to January 1, 1962, as follows:  The beneficial use on which the claim is based district.  The amount of groundwater date of civiliest beneficial use; and how continuous the use has been applied and how continuous the use has been applied and name of the owner thereof to which water has been applied and name of the owner thereof laws are represents 10 acres.  The date of commencement and completion of the general specifications of any other works for withdrawal of groundwater Continuous and place of use, if possible Each mail square represents 10 acres.  The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Continuous and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  The date of commencement and completion of the construction of the well or the general specifications of any other works for the withdrawal of groundwater.  The date of commencement and completion of the general specifications of any other works for the withdrawal of groundwater.  The date of the withdrawal of groundwater.  The date of commencement and completion of the general specifications of any other works for the withdrawal of groundwater.  The date of the withdrawal of groundwater.  The date of the withdrawal of groundwater.  The date of the properties of the well of the general specifica	c .	Approved Stock Form-State Publishing Co., Fielena, Montana 2234
ADMINISTRATO OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE PRICINEES  Declaration of Vested Groundwater Rights All Engineer (Under Chapter 227, Montana Session Lews, 1951)  The Character of Appropriatory  County of Administration of Appropriatory  County of Administration of State of Appropriatory  County of Administration of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  Declaration of Vested Groundwater Rights All Engineers  (Indicate point of appropriator)  The amount of groundwater desired (in miners inches or gallons per minute) (if the state of Appropriator)  The amount of groundwater desired (in miners inches or gallons per minute) (if the state of Appropriator)  The amount of groundwater desired (in miners inches or gallons per minute) (if the state of Appropriator)  The amount of groundwater desired (in miners inches or gallons per minute) (if the state of Appropriator)  The means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other means of withdrawing such water from the ground and the location of seach well or other	File No	T R T
Declaration of Vested Groundwater Rights AIL ENGINEER  (Under Chapter 237, Montans Session Lews, 1981)  1. August of Appropriatory  County of Manue of Appropriatory  County of Manue of Appropriatory  2. The beneficial use on which the claim is beseefficial use; and how continuous the use has been Milled that the claim is beseefficial use; and how continuous the use has been Milled that the first the point of appropriator appropria	DUPLICATE	• • •
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Name of Appropriator)  County of Challes have appropriated groundwater according to the Montana laws in effect prior to January 1, 1982, as follows:  2. The beneficial use on which the claim is beseen the continuous the we has been described beneficial use; and how continuous the we has been described in the claim is beseen the continuous the we has been described in miners inches or gallons per minute) the continuous that the claim is beseen the continuous the weak has been applied and name of the owner thereof to which water has been applied and name of the owner thereof which water represents 10 screa.  6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawing such water from the ground and the location of each well or other means of withdrawing from the ground and the location of each well or other means of withdrawing such water from the ground and the location of each well or other means of withdrawing from the ground and the location of each well or other means of withdrawing from the ground and the location of groundwater withdrawing the water from the ground and the location of each well or other means of withdrawing from the ground and the location of groundwater withdrawing and depth of each well or the general specifications of any other works for the withdrawing of groundwater withdrawing and depth of each well or the general specifications of any other works for the withdrawing of groundwater withdrawing and depth of each well or the general specifications of any other works for withdrawing of formations of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  Signature of Owner Law C. Lillard Date. Date D. L.	<b>Declarat</b> i	ion of Vested Groundwater Rigids AIL ENGINEE der Chapter 237, Montana Session Laws, 1961)
County of Candellia.  Note of appropriated groundwater according to the Mortana laws in effect prior to January 1, 1982, as follows:  2. The beneficial use on which the claim is besself-lated.  3. Date or approximate daje of excilent beneficial use; and how continuous the use has been with the claim is besself-lated.  4. The amount of groundwater claimed (in miner's inches or gallons per minute) the lands to which water has been applied and name of the owner thereof latest point of appropriation and place of tag, if possible lack mail square represents 10 seres.  6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawing for the works for withdrawing of groundwater and completion of the construction of the well, wells, or other works for withdrawing for the withdrawal of groundwater.  8. So far as it may be available, the type, sig and depth of each well or the general specifications of any other works for the withdrawal of groundwater. The works for the withdrawal of groundwater withdrawn each year.  10. The estimated amount of groundwater withdrawn each year.  11. The log of formations of any county record.  Signature of Owner American C. Milled Date D. La C. Milled Date D. La C. Milled Date D. La C. Milled Date D. La C. Milled D. C. Milled	, Henry C The	lend of Het Spring Mont. Het Springs
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Signature of Owner Date Dec 27-1963	reference to book and page of	any county record
Date Dec 3 9 - 1943	***************************************	
		Signature of Owner Stance Elelas
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.		Date 2 12c 3 9 - 194
	Three copies to be filed by the owne	r with the County Clerk and Recorder of the county in which the well is locat

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		Approved Stock Form—State Publishing Co., Helena, Montans—41338
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UPLICATE		County Prairie
Declaration	OFFIC of	TATE OF MONTANA  ATOR OF GROUNDWATER CODE THE OF STATE ENGINEER  Vested Groundwater Rights  TO THE CETVE  DEC 16 1963  TO THE CETVE  DEC 16 1963  STATE ENGINEER
1 Forthern Pacific Railwa	y Cos	many of M.P.Bldg. St. Paul
(Name of Appropriator	•)	(Address) (Town)
have appropriated groundwater acc	ording	State of Zinneseta to the Montana laws in effect prior to January 1, 1962, as follow
N		<b>N</b>
	2.	The beneficial use on which the claim is based. Furnishing water for livestock.
No.		10002 1 10
	8.	Date or approximate date of earliest beneficial use; and how co
		tinuous the use has been Goptinuous since 1960,
*		***************************************
	4.	The amount of groundwater claimed (in miner's inches or galle
		per minute). R gallons per minute.
	5.	If used for irrigation, give the acreage and description of the last to which water has been applied and name of the owner ther
-		None.
ME1/4 Sec. 27. T168 R. 47E		
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	6.	The means of withdrawing such water from the ground and location of each well or other means of withdrawal.
7. The date of commencement and codrawal of groundwater	mpletic dri	on of the construction of the well, wells, or other works for willed in 1960.
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8. The depth of water table		
9. So far as it may be available, the	type,	aize and depth of each well or the general specifications of any ot
WORKS FOR THE WILLIAMSH OF GROUP	TOMB16	[]

11. The log of formations encountered in the drilling of each well if available. Hot available.

Northern Pacific Railway Company Signature of Owner By Dist. Supervisor, Grav. & Cult.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.



